Ge Li

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3342882/publications.pdf

Version: 2024-02-01

44 papers	2,631 citations	279487 23 h-index	360668 35 g-index
45 all docs	45 docs citations	45 times ranked	4825 citing authors

#	Article	IF	Citations
1	Structural and chemical synergistic encapsulation of polysulfides enables ultralong-life lithiumâ€“sulfur batteries. Energy and Environmental Science, 2016, 9, 2533-2538.	15.6	330
2	Highâ€Performance Supercapacitors Based on Nanocomposites of Nb₂O₅ Nanocrystals and Carbon Nanotubes. Advanced Energy Materials, 2011, 1, 1089-1093.	10.2	312
3	Pomegranateâ€Inspired Design of Highly Active and Durable Bifunctional Electrocatalysts for Rechargeable Metalâ€“Air Batteries. Angewandte Chemie - International Edition, 2016, 55, 4977-4982.	7.2	258
4	Chemisorption of polysulfides through redox reactions with organic molecules for lithiumâ€“sulfur batteries. Nature Communications, 2018, 9, 705.	5.8	207
5	Sulfur Atoms Bridging Fewâ€Layered MoS₂ with Sâ€Doped Graphene Enable Highly Robust Anode for Lithiumâ€Ion Batteries. Advanced Energy Materials, 2015, 5, 1501106.	10.2	165
6	Sulfur covalently bonded graphene with large capacity and high rate for high-performance sodium-ion batteries anodes. Nano Energy, 2015, 15, 746-754.	8.2	164
7	Enhanced Reversible Sodiumâ€Ion Intercalation by Synergistic Coupling of Fewâ€Layered MoS₂ and Sâ€Doped Graphene. Advanced Functional Materials, 2017, 27, 1702562.	7.8	132
8	3D N-doped hybrid architectures assembled from 0D T-Nb2O5 embedded in carbon microtubes toward high-rate Li-ion capacitors. Nano Energy, 2019, 56, 118-126.	8.2	105
9	Carbon-Coated Silicon Nanowires on Carbon Fabric as Self-Supported Electrodes for Flexible Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2017, 9, 9551-9558.	4.0	101
10	Flexible, three-dimensional ordered macroporous TiO2 electrode with enhanced electrodeâ€“electrolyte interaction in high-power Li-ion batteries. Nano Energy, 2016, 24, 72-77.	8.2	91
11	High-performance flexible electrode based on electrodeposition of polypyrrole/MnO2 on carbon cloth for supercapacitors. Journal of Power Sources, 2016, 326, 357-364.	4.0	81
12	Nb2O5-carbon core-shell nanocomposite as anode material for lithium ion battery. Journal of Energy Chemistry, 2013, 22, 357-362.	7.1	62
13	Highly Oriented Graphene Sponge Electrode for Ultra High Energy Density Lithium Ion Hybrid Capacitors. ACS Applied Materials & Interfaces, 2016, 8, 25297-25305.	4.0	59
14	Composites of MnO2 nanocrystals and partially graphitized hierarchically porous carbon spheres with improved rate capability for high-performance supercapacitors. Carbon, 2015, 93, 258-265.	5.4	56
15	Fast lithium-ion storage of Nb₂O₅ nanocrystals in situ grown on carbon nanotubes for high-performance asymmetric supercapacitors. RSC Advances, 2015, 5, 41179-41185.	1.7	51
16	Building sponge-like robust architectures of CNTâ€“grapheneâ€“Si composites with enhanced rate and cycling performance for lithium-ion batteries. Journal of Materials Chemistry A, 2015, 3, 3962-3967.	5.2	51
17	Effect of expanded graphite and carbon nanotubes on the thermal performance of stearic acid phase change materials. Journal of Materials Science, 2017, 52, 12370-12379.	1.7	44
18	Self-assembly of three-dimensional 1-octadecanol/graphene thermal storage materials. Solar Energy, 2019, 179, 128-134.	2.9	39

#	Article	IF	Citations
19	Bimetallic CoNi Alloy Nanoparticles Embedded in Pomegranate-like Nitrogen-Doped Carbon Spheres for Electrocatalytic Oxygen Reduction and Evolution. ACS Applied Nano Materials, 2020, 3, 1354-1362.	2.4	39
20	Effect of in-situ synthesized nano-MgO on thermal properties of NaNO 3 -KNO 3. Solar Energy, 2018, 160, 208-215.	2.9	34
21	Vanadium Pentoxide Nanorods Anchored to and Wrapped with Graphene Nanosheets for Highâ€Power Asymmetric Supercapacitors. ChemElectroChem, 2015, 2, 1264-1269.	1.7	31
22	Tetragonal VNb9O24.9-based nanorods: a novel form of lithium battery anode with superior cyclability. Journal of Materials Chemistry A, 2013, 1, 12409.	5.2	29
23	Design of ultralong single-crystal nanowire-based bifunctional electrodes for efficient oxygen and hydrogen evolution in a mild alkaline electrolyte. Journal of Materials Chemistry A, 2017, 5, 10895-10901.	5.2	23
24	Surface plasmon optical sensor with enhanced sensitivity using top ZnO thin film. Applied Physics A: Materials Science and Processing, 2012, 107, 279-283.	1.1	22
25	Hierarchical porous structure construction for highly stable self-supporting lithium metal anode. Nano Energy, 2022, 93, 106905.	8.2	21
26	Characterization of niobium and vanadium oxide nanocomposites with improved rate performance and cycling stability. Electrochimica Acta, 2013, 102, 351-357.	2.6	20
27	Pomegranateâ€Inspired Design of Highly Active and Durable Bifunctional Electrocatalysts for Rechargeable Metalâ€“Air Batteries. Angewandte Chemie, 2016, 128, 5061-5066.	1.6	20
28	Effect of sol-gel combustion synthesis of nanoparticles on thermal properties of KNO3-NaNO3. Solar Energy Materials and Solar Cells, 2018, 188, 190-201.	3.0	17
29	ZnO sensing film thickness effects on the sensitivity of surface plasmon resonance sensors with angular interrogation. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 171, 155-158.	1.7	13
30	MOF-driven ultrafine Co9S8 nanocrystals embedded in N, S-Codoped Multilayer-Assembled carbon nanoplates for efficient bifunctional oxygen electrocatalysis. Chemical Engineering Journal, 2022, 431, 133385.	6.6	13
31	Flexible high performance lithium ion battery electrode based on a free-standing TiO₂ nanocrystals/carbon cloth composite. RSC Advances, 2016, 6, 35479-35485.	1.7	12
32	Reversal of hyperglycemia by protein transduction of NeuroD in vivo. Acta Pharmacologica Sinica, 2007, 28, 1181-1188.	2.8	11
33	Implantation of bFGF-treated islet progenitor cells ameliorates streptozotocin-induced diabetes in rats. Acta Pharmacologica Sinica, 2010, 31, 1454-1463.	2.8	11
34	Construction of a Cascade Catalyst of Nanocoupled Living Red Blood Cells for Implantable Biofuel Cell. ACS Applied Materials & Interfaces, 2021, 13, 28010-28016.	4.0	6
35	Novel rAAV production system with low contamination of helper virus. Science Bulletin, 2003, 48, 472-475.	1.7	1
36	Vanadium Pentoxide Nanorods Anchored to and Wrapped with Graphene Nanosheets for Highâ€Power Asymmetric Supercapacitors. ChemElectroChem, 2015, 2, 1210-1210.	1.7	0

#	Article	IF	Citations
37	Structural and Chemical Synergistic Encapsulation of Polysulfides Enables Ultralong-Life Lithium-Sulfur Batteries. ECS Meeting Abstracts, 2016, , .	0.0	0
38	Sulfur Atoms Bridging Few-Layered MoS2 with S-Doped Graphene Enables Highly Robust Anode for Lithium-Ion Batteries. ECS Meeting Abstracts, 2016, , .	0.0	0
39	Pomegranate-Inspired Design of Highly Active and Durable Bifunctional Electrocatalysts for Rechargeable Metal-Air Batteries. ECS Meeting Abstracts, 2016, , .	0.0	0
40	Flexible, Three-Dimensional Ordered Macroporous TiO2 Electrode with Enhanced Electrode-Electrolyte Interaction in High-Power Li-Ionbatteries. ECS Meeting Abstracts, 2016, , .	0.0	0
41	Flexible High Performance Lithium Ion Battery Electrode Based on Free-Standing TiO2 Nanocrystals/Carbon Cloth Composite. ECS Meeting Abstracts, 2017, , .	0.0	0
42	Subeutectic Growth of Carbon-Coated Silicon Nanowires on Carbon Fabric As Self-Supported Electrodes for Flexible Lithium-Ion Batteries. ECS Meeting Abstracts, 2017, , .	0.0	0
43	Flexible, Three-Dimensional Ordered Macroporous TiO2 Electrode with Enhanced Electrodeâ€“Electrolyte Interaction in High-Power Li-Ion Batteries. ECS Meeting Abstracts, 2017, , .	0.0	0
44	Selective catalysis in a cellular microenvironmentâ€”a living cell catalytic system with intracellular nanopalladium for olefin hydrogenation. Green Chemistry, 2022, 24, 2527-2534.	4.6	0